



PATENT SPECIFICATION

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COMPLETE SPECIFICATION

Improved Chest of Drawers

I, NILS AALL BARRICELLI, of 22, Industriegaten, Oslo, Norway, of Italian Nationality, do hereby declare the invention, for which I pray that a patent may be granted to me, and the method by which it is to be performed, to be particularly described in and by the following statement:—

This invention relates to a chest of drawers which consists of parts, which might be used separately as travelling boxes. The number of such parts may be for instance two or more, and when the parts are not in use as travelling boxes they may be piled upon each other, and according to a suitable construction may be fixed together and be used as a chest of drawers. The parts may be combined in any order so that it is unimportant which part is placed uppermost or lowermost when they are combined to form a chest of drawers. If desired the parts may have different height, and they can be made of any suitable material such as wood, cardboard, vulcan-fibre, aluminium, plastic or the like.

A chest of drawers with cases has previously been proposed, which cases on the top and bottom had strengthening undercut battens fixed out of line with each other so that by sliding one case on top of another they are locked together forming the chest. Also, a travelling trunk has been proposed wherein cases when superposed constitute a chest of drawers, there being provided on each of the cases, designed to be connected together, a series of battens, those of one case being arranged in pairs with a space between them provided with studs or dowels, whilst the battens on the other case fitted into such spaces and were formed with holes to engage the studs.

The accompanying drawing illustrates one embodiment of the invention, in which:—

Figure 1 is a perspective view of a number of travelling boxes combined together to form a chest of drawers.

Figure 2 shows a drawer forming part of one box.

Figure 3 shows the outer frame or case of a chest section.

Figure 4 shows a mounting seen from behind and drawn to an enlarged scale.

Figure 5 shows on an enlarged scale a vertical sectional view of two travelling boxes with drawers in a modified form.

1 denotes separate travelling boxes which combined represent a chest of drawers. Each separate travelling box consists of an exterior frame 2 adapted to receive a drawer 3. This drawer is provided on the front side with a handle 4 and with a lock indicated at 5. When the box is to be carried by the handle, the inserted drawer must be locked in position. The lock will then carry the weight of the exterior frame 2. The drawer may be provided with a hinged cover 6. The exterior frame is open at the top and bottom and forms a supporting member, when the travelling boxes have been assembled as a chest. On the rear side of the frame—the side which faces downwards when a box is carried by the handle 4—knobs 8 are arranged in order to reduce wear on the box.

On the bottom-side of each chest-section a ledge 9 is formed which fits into a recess 10 on the top-side of the subjacent part or section. The ledge and the recess do not reach forwardly to the front edge. Thereby the separate parts will lie steadily upon each other and be prevented from displacement laterally, and at the same time each separate part cannot be pulled forwards from the others when a drawer is to be pulled out.

As shown in Figure 3 each part or section is provided with a mounting 7, which is shown more clearly in Figure 4, as seen from behind, and which prevents a section being tilted forward, if a filled drawer be pulled too far forward. The mounting is made of metal and is provided at its upper end with a recess in form of a hole 11 adapted to receive a projection in form of a hook 12 in the lower end of the mounting 7 of the adjacent part or section. The mounting may be provided with knobs 8 of suitable shape which will rest upon the base, when the box is set down.

If desired one or more of these box-units may be divided into two or more separate portions in such a manner that a part or section of the chest may be combined as two or more travelling boxes arranged side by side.

In order to reduce the weight and the ex-

terior dimensions of each part or section as compared with the free interior volume of same or of the drawers, the construction may be modified as indicated in Figure 5. In this connection reference is made to Figure 3, wherein 2a denotes the lower and 2b the upper horizontal lateral portions of the frame 2. 2x denotes the lower rear and 2y the lower front transverse portion of said frame.

In the modified construction of Figure 5 the portions 2x and 2y are removed, but each section 1 has at the bottom portion 2a on its inwardly facing side a longitudinal edge 2d, the upper edge of which projects upwards and is located at a small distance from the said face so as to form a horizontal groove opening upwards. Each drawer 3 has under its bottom on each side a longitudinal metal ledge 3c of angular cross-section, a downwardly directed arm or rib of which is adapted to project down into the said groove as shown. Thereby the said arms will reinforce the lateral sides of the chest sections so as to prevent the bottom portion 2a of said lateral sides yielding laterally (horizontally) relatively to the upper portion 2b of the same section. 2e denotes the exterior wall of each section 1, 3e that of each drawer 3, 3a and 3b being the bottom and the top portion respectively and 3d the bottom of each drawer and 2c the top of a chest section.

What I claim is:—

1. A chest of drawers composed of a plurality of separate parts or sections each made

in the form of a travelling box of any suitable material and consisting of an exterior box forming carrying framing of the chest, and a lockable drawer arranged slidably in each section and the box being provided at its bottom and top side edges with a ledge and a recess respectively, the ledge fitting into the recess of the adjacent section, characterised by the ledge and the recess terminating at the same distance from the front edge of the drawer, so that a stop is formed which prevents the section from being pulled forwardly of the other sections when a drawer is pulled out.

2. A chest as set forth in Claim 1, characterised by this that each frame is made without lower rear and lower front transverse portions.

3. A chest as set forth in Claim 1, characterised by the exterior box of each section being closed laterally and at its top but not at its front and back.

4. A chest as set forth in any of the preceding claims, characterised by mountings attached on the rear side of the sections and having a hole or recess at the upper end adapted to receive a hook on the lower end of the mounting of the adjacent section, or vice versa.

5. A chest of drawers constructed, arranged and operating substantially as described with reference to the accompanying drawings.

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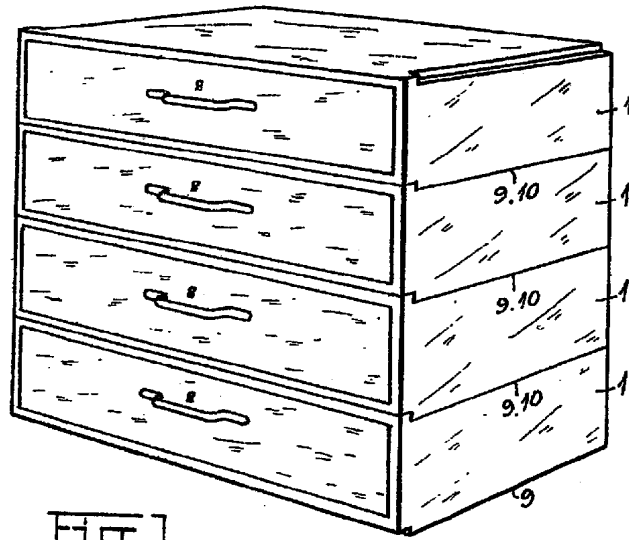


Fig. 1.

Fig. 4.

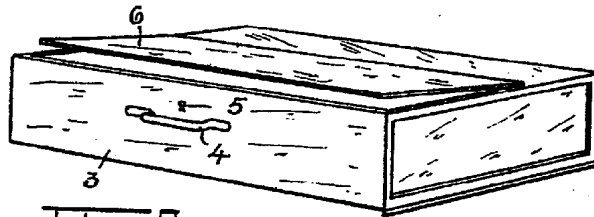
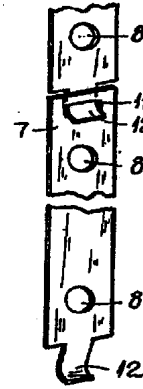


Fig. 2.

Fig. 5.

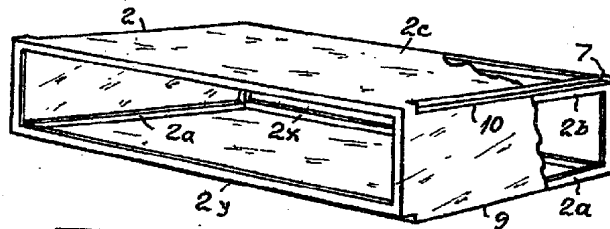


Fig. 3.

